

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	alas1 adj20 (modulate or modulation )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:21
L2	55	direct adj repeat adj10 "4" and "alas"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:30
L3	1	direct adj repeat adj10 "4" and "alas" and heme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:31
L4	5	direct adj repeat adj10 "4" and heme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:34
L5	2	direct adj repeat adj10 "4" and heme and dr-4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:34
L6	4	direct adj repeat adj10 "4" and heme and dr4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:35
L7	2785	dr4 or dr-4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:35
L8	56	l7 same (screen or test adj compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:36
L9	3	l7 adj20 (screen or test adj compound)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:36

## EAST Search History

L11	216	I7 adj20 (binding or bind or interact or modulate) and expression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:37
L12	48	I7 adj20 (binding or bind or interact or modulate) same (DNA or nucleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:40
L13	9	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 (binding or bind or interact or modulate) same (DNA or nucleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:40
L14	9	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 (binding or bind or interact or modulate) \	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:40
L15	9	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 (binding or bind or interact or modulate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:41
L16	2	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 reporter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:53
L17	2	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 reporter and dr-4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:56
L18	1	I7 adj10 (nucleotide or DNA or nucleic) and DR-4 adj20 reporter and dr-4 and pcr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:56
S1	115	dr-4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:02
S2	2545	dr4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:02

## EAST Search History

S3	2634	S1 or S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:02
S4	32920637	S3 same nuclear (a) receptor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:03
S5	19	S3 same nuclear adj receptor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:04
S6	1	direct adj repeat same "4" adj hexamer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:09
S7	297	direct adj repeat same "4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/17 12:09
S8	70	direct adj repeat adj10 "4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 14:40
S9	106	direct adj repeat adj10 "4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:09
S10	14	direct adj repeat adj10 "4" same binding adj site	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:21
S11	1	direct adj repeat adj10 "4" and aminolevulinic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:21
S12	51	direct adj repeat adj10 "4" and alas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:22

## EAST Search History

S13	1	direct adj repeat adj10 "4" and aminolevulinic and alas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:22
S14	3	direct adj repeat adj10 "4" and alas1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:39
S15	42	alas1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:39
S16	8	alas1 adj20 (flanking or "5'" or promoter or regulatory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/17 12:44
S17	1	10/510678	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/30 14:40
S18	1	10/510678 and lmh	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:23
S19	0	10/510678 and "these sequences"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:54
S20	1	10/510678 and characterized	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:27
S21	1	10/510678 and encompasses	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:35
S22	609	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:36

## EAST Search History

S23	140	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and alas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:39
S24	1	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and alas1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:39
S25	1	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) same alas1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:39
S26	12	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) same alas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:40
S27	9	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and aminolevulinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:40
S28	36	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and aminolevulinic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:41
S29	2	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and aminolevulinic adj20 (enhancer or binding)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:41
S30	4	(Modulate or modulator or regulate or regulator or repress or repression or repressor or enhance or enhanced or enhancer) adj20 (heme or p450) and aminolevulinic adj20 (enhancer or binding)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 15:41
S31	1	10/510678 and dr4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/30 17:47

## EAST Search History

S32	1	10/510678 and heme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:06
S33	1	10/510678 and "expression system"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 08:48
S34	587	method adj10 repressor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 08:49
S35	42	method adj10 repressor adj10 transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:14
S36	6	method adj10 repressor adj10 (identify or identification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:15
S37	115	repressor adj10 (identify or identification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:15
S38	0	repressor adj10 (identify or identification) same transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:15
S39	26	repressor adj10 (identify or identification) same transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:16
S40	15	(identify or identification) adj10 repressor adj10 transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:22
S41	1	10/108524 and repressor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:18

## EAST Search History

S42	1	screen adj10 repressor adj10 transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:47
S43	43619	Meyer.in. or fraser.in. or kaufmann.in. or podvinec.in. or zumsteg	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:47
S44	43530	Meyer.in. or fraser.in. or kaufmann.in. or podvinec.in. or zumsteg.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:49
S45	3	modulator adj20 heme adj5 synthesis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:50
S46	3	S44 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:50
S47	0	screen adj20 heme adj5 synthesis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:50
S48	245	heme adj5 synthesis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 09:51
S49	7	heme adj5 synthesis same ( test)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:00
S50	946	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:03
S51	1	alas1 adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/04 17:21

## EAST Search History

S52	97	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce) and heme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:04
S53	96	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce) and aminolevulinic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:04
S54	0	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce) and aminolevulinare	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:04
S55	29	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce) and aminolevulinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:05
S56	5	alas adj20 (inhibitor or enhancer or inducer or repressor or repress or enhance or induce) same aminolevulinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:05
S57	106	(inhibitor or enhancer or inducer or repressor or repress or enhance or induce) same aminolevulinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:05
S58	956	(inhibitor or enhancer or inducer or repressor or repress or enhance or induce) same aminolevulinic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:07
S59	1	10/510678 and aminolevulinic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:06
S60	88	"aminolevulinic acid synthase "	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:06
S61	112	"aminolevulinate synthase "	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:06

## EAST Search History

S62	53	(inhibitor or enhancer or inducer or repressor or repress or enhance or induce) same (S60 or S61)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:07
S63	13	(inhibitor or enhancer or inducer or repressor or repress or enhance or induce) adj20 (S60 or S61)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:08
S64	2	"6,689,578".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:09
S65	2	"6,689,578".pn. and heme	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:16
S66	2	"6,689,578".pn. and nucleic adj acid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:15
S67	1	"6,689,578".pn. and (Alas or alas1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:29
S68	2	"6,689,578".pn. and expression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 10:29